Iowa Department of Natural Resources Wastewater Section

Construction Permit Application SCHEDULE R1, Sludge Dewatering & Disposal

DATE PREPARED		PROJECT IDENTITY		DNR USE	
DATE REVISED					PROJECT NO.
				PERMIT NO.	
S	ludge Drying Be	eds_			
		Parameter	Unit 1	Unit 2	Unit 3
	Covered	or Open			
		*			
	Effective	e Area (ft ²)			
	Area Per	Capita (ft ²)			
		Depth (in.)			
		pth (in.)			
		ain Size (in.)			
	Underdra	ain Spacing (C-C)			
A D	re concrete truck istance between	and in. Ar tracks provided? Yes high groundwater and under a discharged to	No spacing (C-Cerdrain system	C) ft	_
T N C C	Capacity (#/ft²/hr Chemicals used Method of conditi	olume of sludge to be handled s Size Total Area Total Capacity #/hr			
N T H P	Cotal volume of la High groundwater Provide distance t	Dimer agoons r elevation (MSL) to the nearest water well ect groundwater	Life expectancy (yrs)		
Ea. b. c. d.	Low rat High ra Other (i Type of sludge Method of har Available equi Volume and fi	l or burial: * identify site te land application * te land application * identify) e (identify last treatment pr ndling ipment requency of disposal	Pyrolys	ion is/wet air oxidation	
	Percentage vo	latile solids in raw sludge	stabilized sludge		

DNR form 28R1 (Nov 00) 542-3086